

18334 U.S. PTO
07/15/03

NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 004372
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Docket No. 108066-00089

Date: July 15, 2003

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): IMAGE SENSOR PROVIDING IMPROVED IMAGE QUALITY

By (Inventors): Masatoshi KOKUBUN, Toshitaka MIZUGUCHI, Jun FUNAKOSHI, Hiroshi KOBAYASHI and Katsuyosi YAMAMOTO

- XX 23 pages of Specification/Claims 1-10/Abstract are attached.
XX Formal drawings (Fig(s). 1-7; 7 sheet(s)) is/are attached.
XX An Information Disclosure Statement is attached, along with Form PTO-1449, and ONE reference(s).
XX Priority of foreign application No. 2002-216848 filed on July 25, 2002 in Japan is claimed under 35 U.S.C. §119.
XX Priority of foreign application No. 2002-317032 filed on October 31, 2002 in Japan is claimed under 35 U.S.C. §119.
XX A certified copy of the above corresponding foreign application is attached.

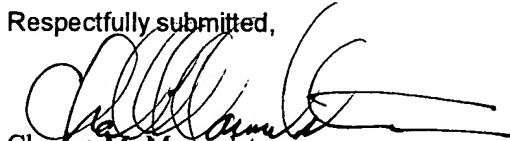
The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	10 - 20	= 0
INDEP CLAIMS	3 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY		OR	LARGE ENTITY	
RATE	FEE		RATE	FEE
	\$ 375	OR		\$ 750
x 9 =	\$	OR	x 18	\$
x 42 =	\$	OR	x 84	\$
+140 =	\$	OR	+280	\$
TOTAL	\$	OR	TOTAL	\$ 750

- XX A check for the filing fee is not enclosed at this time.

Respectfully submitted,



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CMM/jch

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07/15/03